09692661_CLS.txt Most Frequently Occurring Classifications of Patents Returned From A Search of 09692661 on June 22, 2006

```
Original Classifications
      4 333/202
3 385/27
 Cross-Reference Classifications
             s-Reference
310/324
310/348
310/366
333/206
257/E27.1
331/158
333/189
333/189
333/202
333/203
     2222222222222222
              333/203
             333/203
333/205
333/219
333/222
372/102
372/105
372/27
372/27
              372/99
             385/24
             385/39
385/50
     \bar{2}
Combined Classifications
6 333/202
3 310/324
3 310/348
3 310/366
3 333/189
     3333322222222222222222222
             333/191
333/206
385/27
257/E27.1
             310/312
331/158
             331/96
             333/185
             333/203
             333/205
333/212
333/219
333/219.1
333/222
             372/102
372/105
             372/27
             372/34
372/6
372/99
             385/24
385/39
385/50
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09692661_CLSTITLES.txt Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 09692661 on June 22, 2006

```
(4 OR, 2 XR)
333 : WAVE TRANSMISSION LINES AND NETWORKS
     333/202
                     333 :
           Class
           333/24R
                           COUPLING NETWORKS
           333/202
                            .Wave filters including long line elements
     310/324
                      (0 \text{ OR}, 3 \text{ XR})
                     310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
           Class
           310/300
                           NON-DYNAMOELECTRIC
           310/311
310/321
                            .Piezoelectric elements and devices
                            .. Combined with resonant structure
           310/324
                            ...Diaphragm
     310/348
                      (0 \text{ OR}, 3 \text{ XR})
                     310:
                             ELECTRICAL GENERATOR OR MOTOR STRUCTURE
           Class
           310/300
                           NON-DYNAMOELECTRIC
           310/311
                            .Piezoelectric elements and devices
           310/348
                            ..With mounting or support means
                      (0 \text{ OR}, 3 \text{ XR})
     310/366
                            ELECTRICAL GENERATOR OR MOTOR STRUCTURE
                     310 :
           Class
           310/300
                           NON-DYNAMOELECTRIC
           310/311
                           .Piezoelectric elements and devices
           310/365
                           .. Electrode arrangement
           310/366
                            ...More than two
     333/189
                      (1 OR, 2 XR)
           Class
                    333 : WAVE TRANSMISSION LINES AND NETWORKS
           333/24R
                           COUPLING NETWORKS
           333/186
                            .Electromechanical filter
                           ...Using bulk mode piezoelectric vibrator ...Plural coupled vibrators
           333/187
           333/189
     333/191
                      (1 \text{ OR}, 2 \text{ XR})
                     333 : WAVE TRANSMISSION LINES AND NETWORKS
           Class
           333/24R
                           COUPLING NETWORKS
           333/186
                            .Electromechanical filter
                           ...Vsing bulk mode piezoelectric vibrator ...Plural coupled vibrators ....Monolithic structure
           333/187
           333/189
           333/191
     333/206
                      (0 \text{ OR}, 3 \text{ XR})
                    333 : WAVE TRANSMISSION LINES AND NETWORKS
           Class
           333/24R
                           COUPLING NETWORKS
           333/202
                            .Wave filters including long line elements
           333/206
                            ..Coaxial
                    (3 OR, 0 XR)
385 : OPTICAL WAVEGUIDES
     385/27
           Class
           385/15
                           WITH OPTICAL COUPLER
           385/27
                           .Particular coupling function
     257/E27.1
                      (0 \text{ OR}, 2 \text{ XR})
                    257 : ACTIVE SOLID-STATE DEVICES
           Class
           257/E27.006
                           .Including piezo-electric, electro-resistive,
                                       or magneto-resistive component (EPO)
           257/E27.009
                            .Including semiconductor component with at
                                      least one potential barrier or surface barrier
adapted for
                                      rectifying, oscillating, amplifying, or switching,
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Including integrated passive circuit elements (EPO)

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..With semiconductor substrate only (EPO) ...Including a plurality of individual
         257/E27.01
         257/E27.07
                         components in a repetitive configuration (EPO)
....Including field-effect component (EPO)
         257/E27.081
         257/E27.098
                         .....Static random access memory, SRAM,
                               structure (EPO)
         257/E27.099
                          .....Load element being a MOSFET transistor
                              (EPO)
         257/E27.1
                          .....Load element being a thin film
                            transistor (EPO)
2
   310/312
                   (1 OR, 1 XR)
         Class
                  310:
                         ELECTRICAL GENERATOR OR MOTOR STRUCTURE
         310/300
310/311
                         NON-DYNAMOELECTRIC
                         .Piezoelectric elements and devices
         310/312
                         ... Adding or subtracting mass
   331/158
                   (0 OR, 2 XR)
         Class
                  331 : OSCILLATORS
         331/154
331/158
                         ELECTROMECHANICAL RESONATOR
                         .Crystal
   331/96
                   (1 OR, 1 XR)
                  331 : OSCILLATORS
         Class
         331/96
                         WITH DISTRIBUTED PARAMETER RESONATOR
   333/185
                   (1 OR, 1 XR)
         Class
                  333 : WAVE TRANSMISSION LINES AND NETWORKS
         333/24R
                         COUPLING NETWORKS
         333/167
                         .Frequency domain filters utilizing only lumped
                              parameters
                         .. Having significant physical structure
         333/185
2
   333/203
                   (0 \text{ OR}, 2 \text{ XR})
                  333 :
         Class
                          WAVE TRANSMISSION LINES AND NETWORKS
         333/24R
                         COUPLING NETWORKS
         333/202
                         .Wave filters including long line elements
                         ..Digital structure
         333/203
                  (0 OR, 2 XR)
333 : WAVE TRANSMISSION LINES AND NETWORKS
   333/205
         class
         333/24R
                         COUPLING NETWORKS
         333/202
                         .Wave filters including long line elements
         333/204
                         .. Stripline or microstrip
         333/205
                         ...Tunable
   333/212
                   (1 \text{ OR}, 1 \text{ XR})
                  333 : WAVE TRANSMISSION LINES AND NETWORKS
         Class
                         COUPLING NETWORKS .Wave filters including long line elements
         333/24R
         333/202
         333/208
                         ..Waveguide
                         ...Including directly coupled resonant sections
         333/212
                  (0 OR, 2 XR)

333 : WAVE TRANSMISSION LINES AND NETWORKS
   333/219
         Class
         333/219
                         RESONATORS (DISTRIBUTED PARAMETER TYPE)
2 333/219.1
                   (0 OR, 2 XR)
         Class
                  333 : WAVE TRANSMISSION LINES AND NETWORKS
```

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```
09692661_CLSTITLES.txt
        333/219
                        RESONATORS (DISTRIBUTED PARAMETER TYPE)
        333/219.1
                        .Dielectric type
                   (0 OR, 2 XR)
  333/222
                 333 : WAVE TRANSMISSION LINES AND NETWORKS
        Class
                        RESONATORS (DISTRIBUTED PARAMETER TYPE)
        333/219
        333/222
                        .Coaxial or shielded
   372/102
                  (0 \text{ OR}, 2 \text{ XR})
                 372 : COHERENT LIGHT GENERATORS
        class
        372/92
372/98
                        PARTICULAR RESONANT CAVITY
                        .Specified cavity component
        372/102
                        ..Grating
2
   372/105
                  (0 \text{ OR}, 2 \text{ XR})
                 372:
                         COHERENT LIGHT GENERATORS
        Class
        372/92
                        PARTICULAR RESONANT CAVITY
        372/98
                        .Specified cavity component
        372/105
                        ..Birefringent material
  372/27
                   (0 OR, 2 XR)
                 372 : COHERENT LIGHT GENERATORS
        Class
        372/9
                        PARTICULAR BEAM CONTROL DEVICE
        372/26
                        .Modulation
        372/27
                        ..Polarization
   372/34
                  (0 OR, 2 XR)
        Class
                        COHERENT LIGHT GENERATORS
        372/34
                        PARTICULAR TEMPERATURE CONTROL
                 (1 OR, 1 XR)
372 : COHERENT LIGHT GENERATORS
   372/6
        Class
        372/6
                        OPTICAL FIBER LASER
                  (0 \text{ OR}, 2 \text{ XR})
   372/99
        Class
                 372 : COHERENT LIGHT GENERATORS
        372/92
                        PARTICULAR RESONANT CAVITY
        372/98
                        .Specified cavity component
        372/99
                        ..Reflector
                  (0 OR, 2 XR)
2
   385/24
        Class
                        OPTICAL WAVEGUIDES
                 385 :
                        WITH OPTICAL COUPLER
        385/15
        385/24
                        .Plural (e.g., data bus)
                  (0 OR, 2 XR)
   385/39
                 385 :
        Class
                        OPTICAL WAVEGUIDES
        385/15
                        WITH OPTICAL COUPLER
                        .Particular coupling structure
        385/39
   385/50
                 (0 OR, 2 XR)
385 : OPTICAL WAVEGUIDES
        Class
        385/15
385/39
                        WITH OPTICAL COUPLER
                        .Particular coupling structure
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385/50

4 , , .

.. Waveguide to waveguide

PLUS Search Results for S/N 09692661, Searched June 22, 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.